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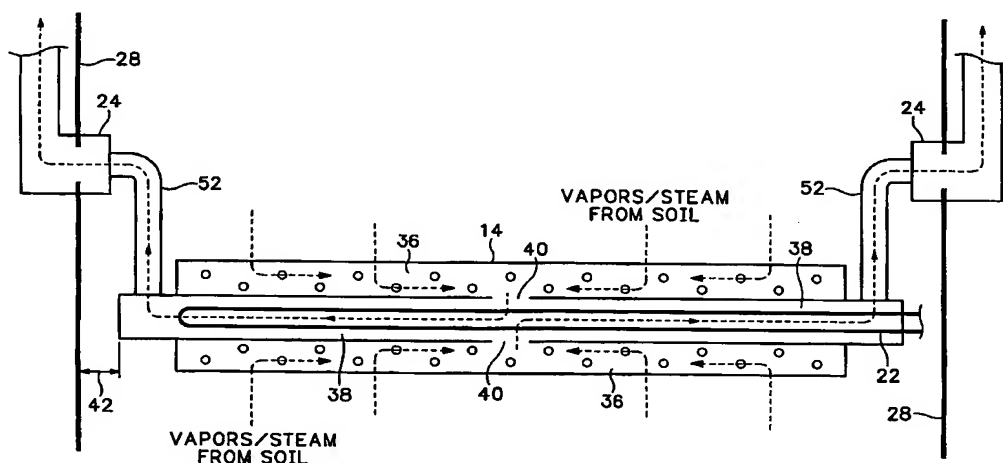
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(54) Title: METHODS AND SYSTEMS FOR REMEDIATING CONTAMINATED SOIL



(57) Abstract: A system and method for remediation of contaminated soil are provided. The system comprises a soil remediation cell of contaminated soil and a plurality of multi-functional conduits located within the contaminated soil. Each multi-functional conduit defines a reaction housing. The multi-functional conduits includes heating elements for introducing heat into the contaminated soil for volatilizing the contaminants located within the contaminated soil, without utilizing mechanically driven forced air. This produces a contaminated vapor. Flow channels extending therethrough remove the contaminated vapor from within the soil remediation cell. A substantial portion of the contaminants in the contaminated vapor are destroyed in the reaction housing. A substantially non-contaminated vapor is produced in which at least about 80% by weight of the contaminants have been destroyed.

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